



**SOIL TEST INFORMATION FORM FOR AGRONOMIC CROPS**

Grower name:		Send copy to:	
Business name:		Business name:	
ASCS farm ID:		Business name:	
Street address:		Street address:	
City, State, Zip:		City, State, Zip:	
County:		City, State, Zip:	
Telephone:		Email:	
Email:		Email:	

☐ **Email report only:** Check this box and record your email address if you prefer to have your report sent to you by email rather than surface mail.  
Note: Please submit payment of \$10 per sample (check payable to Penn State University) if NOT submitting samples in pre-paid kits (with serial #s).

Sample/Field Info				Last Year's Crop	Recommendations			Additional Analyses The standard fertility test will be run on all samples submitted with this form. Select addition analyses below. See back for more options.
Record field or sample ID (10 digits or less), depth of tillage (in.) or no-till, approximate # of acres represented by sample, serial # if using "prepaid" sample bags, and soil series if known.				If previous crop was a legume, complete this column	Recommendations will be made for 3 crop years. For each sample, complete crop and yield goal information for years 1, 2, and 3. See back of form for crop codes and yield ranges.			
					Crop-Year 1	Crop-Year 2	Crop-Year 3	
	Field ID	Plow depth	# Acres	Crop code	Crop code	Crop code	Crop code	<input type="checkbox"/> Organic matter (\$5.00) <input type="checkbox"/> Total C and N (\$25.00)* <input type="checkbox"/> Particle size (\$25.00)* <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
	Prepaid bag serial #	Soil Series			Yield goal	Yield goal	Yield goal	
	Field ID	Plow depth	# Acres	Crop code	Crop code	Crop code	Crop code	<input type="checkbox"/> Organic matter (\$5.00) <input type="checkbox"/> Total C and N (\$25.00)* <input type="checkbox"/> Particle size (\$25.00)* <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
	Prepaid bag serial #	Soil Series			Yield goal	Yield goal	Yield goal	
	Field ID	Plow depth	# Acres	Crop code	Crop code	Crop code	Crop code	<input type="checkbox"/> Organic matter (\$5.00) <input type="checkbox"/> Total C and N (\$25.00)* <input type="checkbox"/> Particle size (\$25.00)* <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
	Prepaid bag serial #	Soil Series			Yield goal	Yield goal	Yield goal	
	Field ID	Plow depth	# Acres	Crop code	Crop code	Crop code	Crop code	<input type="checkbox"/> Organic matter (\$5.00) <input type="checkbox"/> Total C and N (\$25.00)* <input type="checkbox"/> Particle size (\$25.00)* <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
	Prepaid bag serial #	Soil Series			Yield goal	Yield goal	Yield goal	
	Field ID	Plow depth	# Acres	Crop code	Crop code	Crop code	Crop code	<input type="checkbox"/> Organic matter (\$5.00) <input type="checkbox"/> Total C and N (\$25.00)* <input type="checkbox"/> Particle size (\$25.00)* <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
	Prepaid bag serial #	Soil Series			Yield goal	Yield goal	Yield goal	
	Field ID	Plow depth	# Acres	Crop code	Crop code	Crop code	Crop code	<input type="checkbox"/> Organic matter (\$5.00) <input type="checkbox"/> Total C and N (\$25.00)* <input type="checkbox"/> Particle size (\$25.00)* <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
	Prepaid bag serial #	Soil Series			Yield goal	Yield goal	Yield goal	
	Field ID	Plow depth	# Acres	Crop code	Crop code	Crop code	Crop code	<input type="checkbox"/> Organic matter (\$5.00) <input type="checkbox"/> Total C and N (\$25.00)* <input type="checkbox"/> Particle size (\$25.00)* <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
	Prepaid bag serial #	Soil Series			Yield goal	Yield goal	Yield goal	
	Field ID	Plow depth	# Acres	Crop code	Crop code	Crop code	Crop Code	<input type="checkbox"/> Organic matter (\$5.00) <input type="checkbox"/> Total C and N (\$25.00)* <input type="checkbox"/> Particle size (\$25.00)* <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
	Sample bag serial #	Soil Series			Yield goal	Yield goal	Yield goal Crop	
	Field ID	Plow depth	# Acres	Crop code	Crop code	Crop code	Crop Code	<input type="checkbox"/> Organic matter (\$5.00) <input type="checkbox"/> Total C and N (\$25.00)* <input type="checkbox"/> Particle size (\$25.00)* <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
	Prepaid bag serial #	Soil Series			Yield goal	Yield goal	Yield goal Crop	
	Field ID	Plow depth	# Acres	Crop code	Crop code	Crop code	Crop Code	<input type="checkbox"/> Organic matter (\$5.00) <input type="checkbox"/> Total C and N (\$25.00)* <input type="checkbox"/> Particle size (\$25.00)* <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
	Sample bag serial #	Soil Series			Yield goal	Yield goal	Yield goal Crop	
	Field ID	Plow depth	# Acres	Crop code	Crop code	Crop code	Crop Code	<input type="checkbox"/> Organic matter (\$5.00) <input type="checkbox"/> Total C and N (\$25.00)* <input type="checkbox"/> Particle size (\$25.00)* <input type="checkbox"/> _____ <input type="checkbox"/> _____ <input type="checkbox"/> _____
	Prepaid bag serial #	Soil Series			Yield goal	Yield goal	Yield goal Crop	

\*These tests are required for the Penn State corn nitrogen recommendation tool, <https://extension.psu.edu/nitrogen-recommendations-for-corn>.

## CROP CODES AND ADDITIONAL ANALYSES

Write Code Number (4 digits) into "Crop Code" blocks on opposite side of this page. Note also the acceptable yield range for each crop. If additional analyses are requested, record additional test request in column next to soil samples on opposite side of the page and submit payment for additional tests with sample. **Make checks payable to Penn State**

CROP CODE	CROP NAME	YIELD RANGE
<b>ALFALFA GROUP</b>		
1020	Planting Alfalfa	2-6 Ton / A
1023	Planting Alfalfa (no-till)	2-6 Ton / A
1035	Planting Alfalfa in Oats	2-6 Ton / A
1032	Planting Alfalfa in Wheat	2-6 Ton / A
1022	Planting Alfalfa-Trefoil	2-6 Ton / A
1021	Planting Alfalfa-Grass	2-6 Ton / A
1001	Established Alfalfa	4-8 Ton / A
1072	Established Alfalfa-Grass	4-8 Ton / A
<b>CORN &amp; SORGHUM GROUP</b>		
1048	Millet for Grain	30-70 Bu / A
1049	Millet for Forage	2-6 T / A
1042	Corn for Grain	110-270 Bu / A
1044	Corn for Grain (no-till)	110-270 Bu / A
1043	Corn for Silage	17-38 Ton / A
1045	Corn for Silage (no-till)	17-38 Ton / A
1057	Sorghum for Grain	90-170 Bu / A
1063	Sorghum for Forage	15-31 Ton / A
<b>LEGUME GROUP</b>		
1030	Planting Crownvetch	2.5-4 Ton / A
1031	Planting Crownvetch (no-till)	2.5-4 Ton / A
1029	Planting Ladino Clover	2-4 Ton / A
1027	Planting Red Clover	2-4 Ton / A
1028	Planting Red Clover (no-till)	2-4 Ton / A
1037	Planting Red Clover in Oats	2-4 Ton / A
1034	Planting Red Clover in Wheat	2-4 Ton / A
1073	Planting Red Clover-Grass	2-4 Ton / A
1024	Planting Trefoil	1-3 Ton / A
1026	Planting Trefoil (no till)	1-3 Ton / A
1036	Planting Trefoil in Oats	1-3 Ton / A
1033	Planting Trefoil in Wheat	1-3 Ton / A
1025	Planting Trefoil-Grass	2-4 Ton / A
1011	Established Crownvetch	2.5-4 Ton / A
1014	Established Ladino Clover	2-6 Ton / A
1015	Established Red Clover	2-6 Ton / A
1074	Established Red Clover-Grass	2-6 Ton / A
1005	Established Trefoil	2-6 Ton / A
1006	Established Trefoil-Grass	2-6 Ton / A
<b>GRAIN GROUP</b>		
1068	Spring Barley	60-100 Bu / A
1060	Winter Barley	50-130 Bu / A
1069	Buckwheat	30-70 Bu / A
1059	Oats	60-120 Bu / A
1061	Rye	50-90 Bu / A
1064	Soybeans	40-80 Bu / A
1071	Sunflowers	10-30 CWT / A
1058	Wheat	40-120 Bu / A
1012	Canola	30-80 Bu / A
1013	Spelt	70-150 Bu / A
1050	Barley/Soybean Double	50-130 Bu / A
1051	Small Grain Silage	4 – 12 T / A

CROP CODE	CROP NAME	YIELD RANGE
<b>GRASS GROUP</b>		
1038	Planting Bluegrass	1-2 Ton / A
1039	Planting Bromegrass	1-5 Ton / A
1062	Planting Mixed Grasses	1-5 Ton / A
1040	Planting Orchardgrass	1-5 Ton / A
1085	Planting Reed Canarygrass	1-5 Ton / A
1041	Planting Timothy	1-5 Ton / A
1075	Planting Tall Fescue	1-5 Ton / A
1077	Planting Warm Season Grasses	1-5 Ton / A
1010	Established Bluegrass	1-4 Ton / A
1016	Established Bromegrass	3-7 Ton / A
1019	Established Mixed Grasses	3-7 Ton / A
1017	Established Orchardgrass	3-7 Ton / A
1086	Established Reed Canarygrass	3-7 Ton / A
1018	Established Timothy	3-7 Ton / A
1076	Established Tall Fescue	3-7 Ton / A
1078	Established Warm Season Grasses	3-7 Ton / A
1066	Sudangrass	1-5 Ton / A
1067	Sorghum-Sudangrass	15-27 Ton / A
1080	Renovating Pasture (with legume)	2-4 Ton / A
1081	Established Pasture (without legume)	2-4 Ton / A
1082	Established Pasture (with legume)	2-4 Ton / A
1083	Planting Pasture (without legume)	2-4 Ton / A
1084	Planting Pasture (with legume)	2-4 Ton / A
<b>CONSERVATION RESERVE PROGRAM</b>		
1054	CRP Cool Season Grass	---
1053	CRP Warm Season Grass	---
<b>MISCELLANEOUS</b>		
1052	Hops	---
1056	Wildlife Food Plots	---
1079	Brassicas	2-6 Ton / A
1800	Disturbed Lands	---
1055	Horticultural Cover Crop	---
1065	Tobacco	1 -1.5 Ton / A
1002	Hemp, for seed production	1000-2000 lbs / A
1003	Hemp, for fiber production	6-10 Ton / A

### ADDITIONAL ANALYSES AND SERVICES

Soluble Salts	\$ 5.00
Nitrate Nitrogen (NO <sub>3</sub> -N)	\$ 8.00
Ammonium Nitrogen (NH <sub>4</sub> -N)	\$ 12.00
Total Nitrogen (N)	\$ 15.00
Total Carbon (C)	\$ 15.00

Please contact the laboratory for information about other available tests.

\*Please use the environmental soil submission form for heavy metals:  
<https://agsci.psu.edu/aasl/soil-testing/environmental>